



## Department of Toxic Substances Control

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Agency Secretary  
Cal/EPA

5796 Corporate Avenue  
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Arnold Schwarzenegger  
Governor

September 15, 2005

Mr. Bob Fischer  
Installation Restoration Program Manager  
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### FINAL ENGINEERING EVALUATION/COST ANALYSIS, NON-TIME CRITICAL REMOVAL ACTION FOR INSTALLATION RESTORATION (IR) SITE 10, NAVAL AIR FACILITY EL CENTRO (NAFEC), IMPERIAL COUNTY, CALIFORNIA

Dear Mr. Fischer:

The Department of Toxic Substances Control (DTSC) reviewed the Final Engineering Evaluation/Cost Analysis (EE/CA) for Site 10 – Sewage Stabilization Ponds dated February 2005. The report was prepared to support a non-time critical removal action at IR Site 10 and describes site characteristics, removal action objectives, screening of technologies, and removal action alternatives.

IR Site 10 consists of three unlined ponds with bermed sides. The stabilization ponds functioned as the only sewage treatment for the base from the 1940s until 1976. Investigations conducted at IR Site 10 indicated the presence of priority pollutant metals, petroleum hydrocarbons, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), DDE, Polychlorinated Biphenyls (PCBs), cyanide, phenol, and organo lead that pose a threat to human health and the environment.

The EE/CA identifies removal action alternatives to reduce the risk to human health and ecological receptors from chemicals of potential concern in soil at IR Site 10. The proposed alternative consists of excavation of contaminated soil, offsite disposal, and backfill with berm soil. Confirmation sampling will be collected to verify that residual concentrations of all the contaminants of concern will be below target cleanup goals.

An Action Memorandum (AM) and a Removal Action Work Plan (RAW) will be prepared by the Navy for IR Site 10 in compliance with section 25356.1 of the California Health and Safety Code.

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DTSC hereby approves this document as written. We are looking forward to working with you to expedite the remedial activities at NAFEC. If you have any questions, please contact Isaac Hirbawi at (714) 484-5445 or at [ihirbawi@dtsc.ca.gov](mailto:ihirbawi@dtsc.ca.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Emad Yemut", with a long horizontal line extending to the right.

Emad B. Yemut, P.E., Unit Chief  
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